KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t:			((See Instruc	tions on Re	verse Side	?)					
☐ Op	en Flow	i		Test Date	n•			ΛDI	No. 15				
☐ De	eliverabil	ty		9/28/14					033-20271-	00-00			
Company		ERATING CO	OMPANY, LLO		Lease McMORAN					Well Number 2			
County COMAN	ICHE	Location NW SW SE		Section 8			TWP 35S		W)	Acres Attributed		ited	
Field YELLOV	NSTON	E NORTH		Reservoi MISSIS	r SIPPIAN				hering Conn KFIELD SE		 -		
Completion 5/19/84	on Date			Plug Bac 5343	k Total Dept	th		Packer S NONE	Set at				
Casing Size 4.500		Weight 10.50		Internal Diameter 4.052		Set at 5395		Perforations 4998		To 5218			
Tubing S 2.375	ize	— Weig 4.70		Internal Diameter 1.995		Set at 5291		Perforations OPEN		То			
Type Cor		(Describe)		Type Flui WATE	d Production	י י		Pump Ur PUMP	nit or Traveling	Plunger? Yes	/ No		
Producing		Annulus / Tubi	1g)	% (Carbon Dioxi	de		% Nitrog	en	Gas Gra	avity - G _e		
Vertical E					Pres	sure Taps				(Meter F	Run) (Prover)) Size	
-	D. 31-1-	9/2	27/14		-		9/:	28/14		at			
Pressure	•												
Well on L	.ine:	Started	2	20 at	<u>_</u>	(AM) (PM)	Taken		20	at	(AM) (PM)	
					OBSERVE	D SURFAC	E DATA			Duration of Shut-	in	_Hours	
Static /	Orifice	Circle ane:	Pressure Differential	Flowing	Well Head	Cas Wellhead			ubing ad Pressure	Duration	Liquid Prod	fuced	
Dynamic Property	Size (inches	Prover Press	sure in	Temperature t	Temperature f	(P _w) or (F		1	(P _c) or (P _c)	Duration Liquid Prodi (Hours) (Barrels			
Shut-In						110		220		24			
Flow							-						
					FLOW STR	EAM ATTR	IBUTES	'		<u> </u>			
Plate		Circle one:	Press	Grav	/ity _	Flowing	Devi	iation	Metered Flor	w GOR	I .	wing	
Coeffiecient (F _b) (F _c)		Meter or Prover Pressure	Extension ✓ P _m x h	Fac F	101	Temperature Factor		ctor	R (Mcfd)	(Cubic Fed Barrel)	Gravity	avity	
Mcfd	·	psia —	, m		-	F _{tt}	ļ	pv				G _m	
			<u> </u>										
(P _c) ² =		: (P)2:	=:	(OPEN FL	OW) (DELIV) CALCUL ² 14.4) +		:	(P _a)² (P _d)²	?= 0.207		
			Choose formula 1 or :	2:	Г ¬		ssure Curve		<u>—</u> —` Г ¬	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Open Flo		
(P _c) ² - (I		(P _c) ² - (P _w) ²	1. P _c ² -P _a ² 2. P _c ² -P _d ²	LOG of formula 1. or 2.			oe = "n" - or	n x l	og	Antilog	Deliverab	ility	
or (P _c) ² - (I	P _d) ²		divided by: P2-P	and divide	P _c ² -P _w ²		signed ard Slope				Equals R x / (Mcfd)	-	
_		-											
		-											
Open Flo	w		Mcfd @ 14	.65 psia		Deliverab	ility	,I		Mcfd @ 14.65 psi	a		
The t	undersig	ned authority,	on behalf of the	Company, s	states that h	e is duly au			•	ort and that he ha	s knowledge	of	
the facts s	tated the	erein, and that s	said report is tru	e and correc	t. Executed	this the 2			CTOBER	′ 44 ()	, 20	<u>4</u> ·	
		Witness	(if any)	к	Re INSAS CORPO	Ceived)m k	For	Company	<u> </u>		
		For Com	mîssion		DEC:	3 1 2014			Che	cked by			
		, 5, 5511			CONSERVAT	(Ou -	Li		- One	,			
					WICHI	TA, KS	V						

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request exempt status under Rule K.A.R. 82-3-304 on behalf of the operator WOOLSEY OPERATING CO., LLC and that the foregoing pressure information and statements contained on this application form are true and correct to the best of my knowledge and belief based upon available production summaries and lease records of equipment installation and/or upon type of completion or upon use being made of the gas well herein named. I hereby request a one-year exemption from open flow testing for the MCMORAN 2 gas well on the grounds that said well: (Check one) Is a coalbed methane producer Is cycled on plunger lift due to water Is a source of natural gas for injection into an oil reservoir undergoing ER Is on vacuum at the present time; KCC approval Docket No. I further agree to supply to the best of my ability any and all supporting documents deemed by Commission staff as necessary to corroborate this claim for exemption from testing. Date: 10/27/14	
(Check one) is a coalbed methane producer is cycled on plunger lift due to water is a source of natural gas for injection into an oil reservoir undergoing ER is on vacuum at the present time; KCC approval Docket No. is not capable of producing at a daily rate in excess of 250 mcf/D I further agree to supply to the best of my ability any and all supporting documents deemed by Commissio staff as necessary to corroborate this claim for exemption from testing. Date: 10/27/14	exempt status under Rule K.A.R. 82-3-304 on behalf of the operator WOOLSEY OPERATING CO., LLC and that the foregoing pressure information and statements contained on this application form are true and correct to the best of my knowledge and belief based upon available production summaries and lease records of equipment installation and/or upon type of completion or upon use being made of the gas well herein named. I hereby request a one-year exemption from open flow testing for the McMORAN 2
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Signatura: When P. H. M.	Date: 10/27/14
Title: FIELD MGR.	Signature: Win & Vallage

Instructions:

If a gas well meets one of the eligibility criteria set out in KCC regulation K.A.R. 82-3-304, the operator may complete the statement provided above in order to claim exempt status for the gas well.

At some point during the current calendar year, wellhead shut-in pressure shall have been measured after a minimum of 24 hours shut-in/buildup time and shall be reported on the front side of this form under **OBSERVED SURFACE DATA**. Shut-in pressure shall thereafter be reported yearly in the same manner for so long as the gas well continues to meet the eligibility criterion or until the claim of eligibility for exemption **IS** denied.

The G-2 form conveying the newest shut-in pressure reading shall be filed with the Wichita office no later than December 31 of the year for which it's intended to acquire exempt status for the subject well. The form must be signed and dated on the front side as though it was a verified report of annual test results.